

ABSTRACT

By:

Alik Sriono
06503244040

The purpose of this study is to determine the level of relevance of standards competence in the field of metal casting aluminum and cast iron in a productive in vocational subjects with the required competency standards in the metal casting industry today.

This study can be categorized as descriptive research with survey research methods. The time of the study began in October 2010 to March 2011 (6 months), which was held at SMK N 2 Klaten SMK N 1 Klaten Batur Jaya, CV Bonjor Jaya, CV Teknika Jaya and Koperasi Batur Jaya Klaten. The object of this research in the form of metal casting competency standards that are taught and required in each study site. The stages of research were preparation, observation, licensing stage, the stage of data collection, data analysis stage, and the last stage of preparation of reports. The method used for data collection was questionnaire, documentation and unstructured interviews, while data analysis using quantitative descriptive analysis technique which translated in the distribution of percentage scores and the final converted result according to predetermined assessment criteria.

Based on research results, it can be concluded that: (1) metal casting competence in vocational high school which was derived from metal casting technique vocational curriculum had been taught to students of 84% for the aspect of hard skills and 71% for the aspect of soft skills, (2) competence of metal casting needed by industry was included in the curriculum for vocational technical metal casting by 74% to aspects of hard skills and 64% for the aspect of soft skills, (3) vocational competence in hard skills aspect in a realistic had relevance rating of 50% for the criteria of very relevant and 50% for the relevant criteria, as well as to the aspects of soft skills had a relevance level of 79% that can be categorized as very relevant and 21% were as relevant criteria to the competencies required in the field of metal casting industry.

Key words: competence, casting, vocational high school